

FIG. 1

REF 5505400

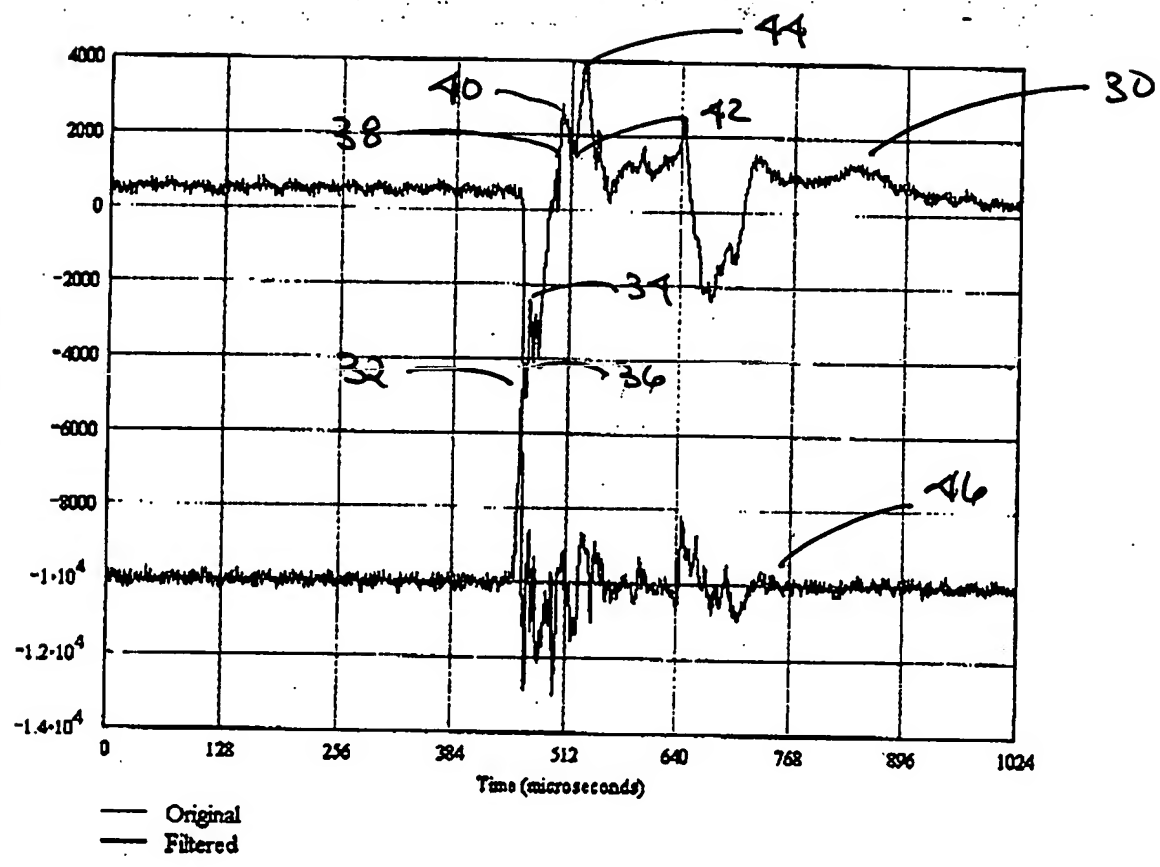


FIG. 2

2025-05-20 15:05:20

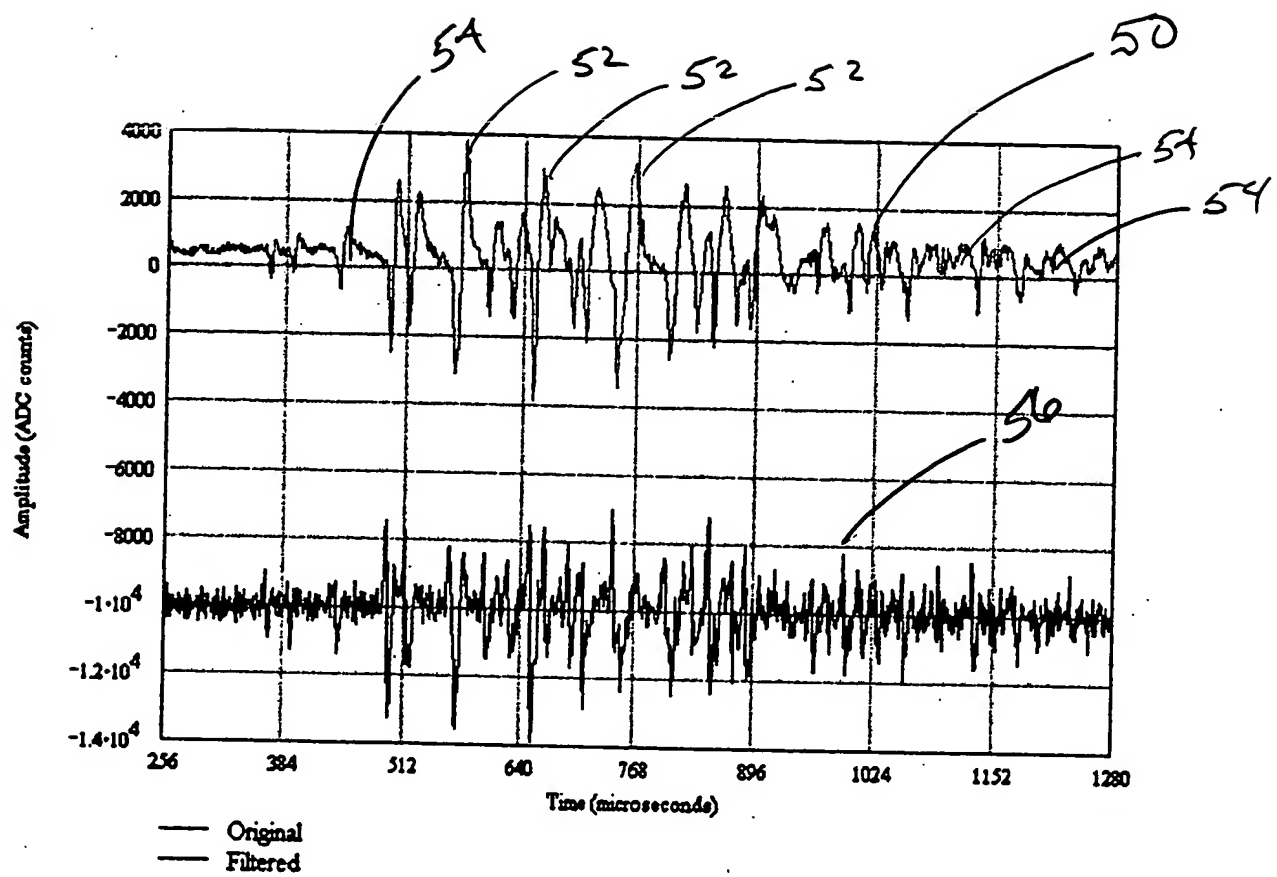


FIG. 3

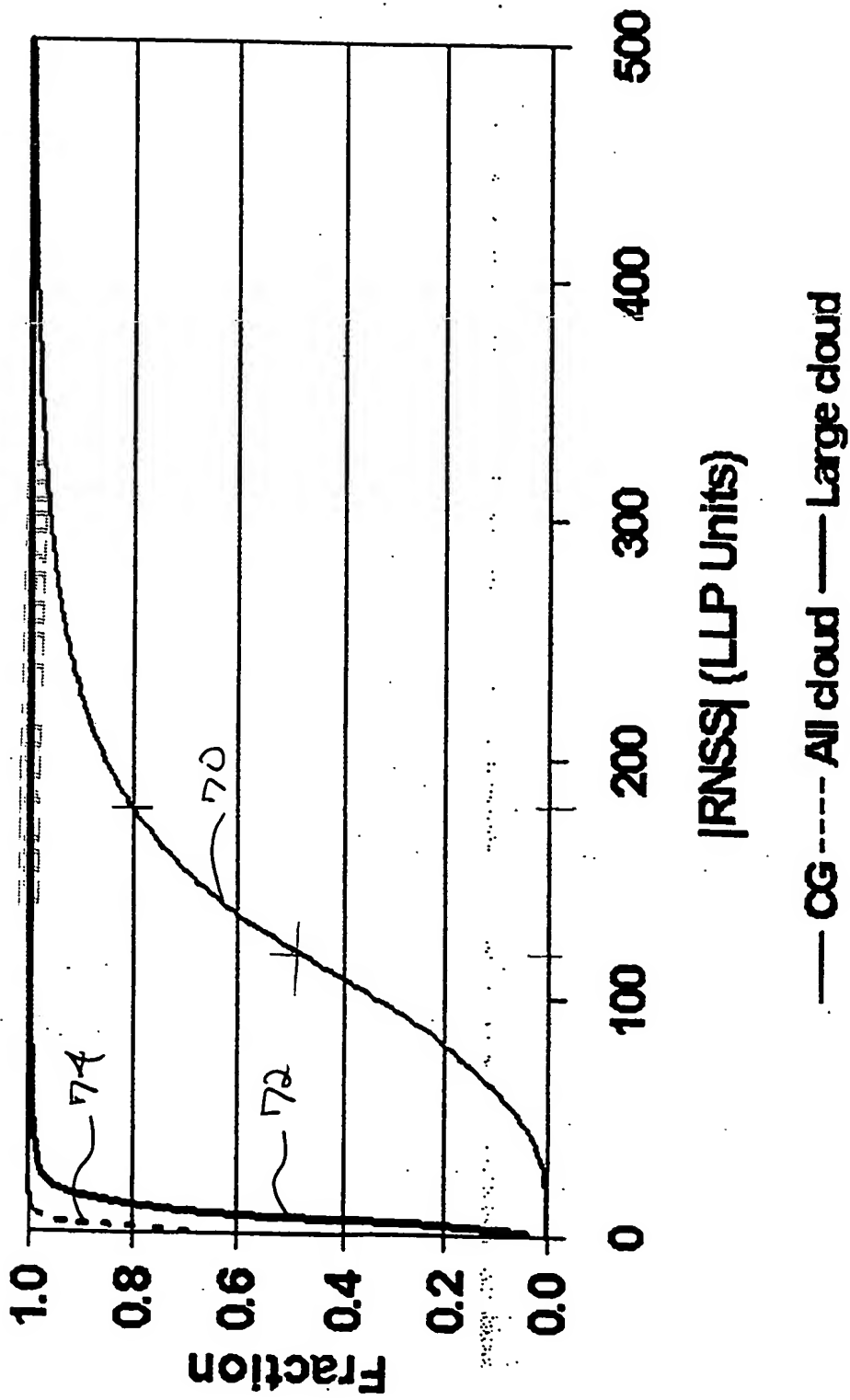


Fig. 4

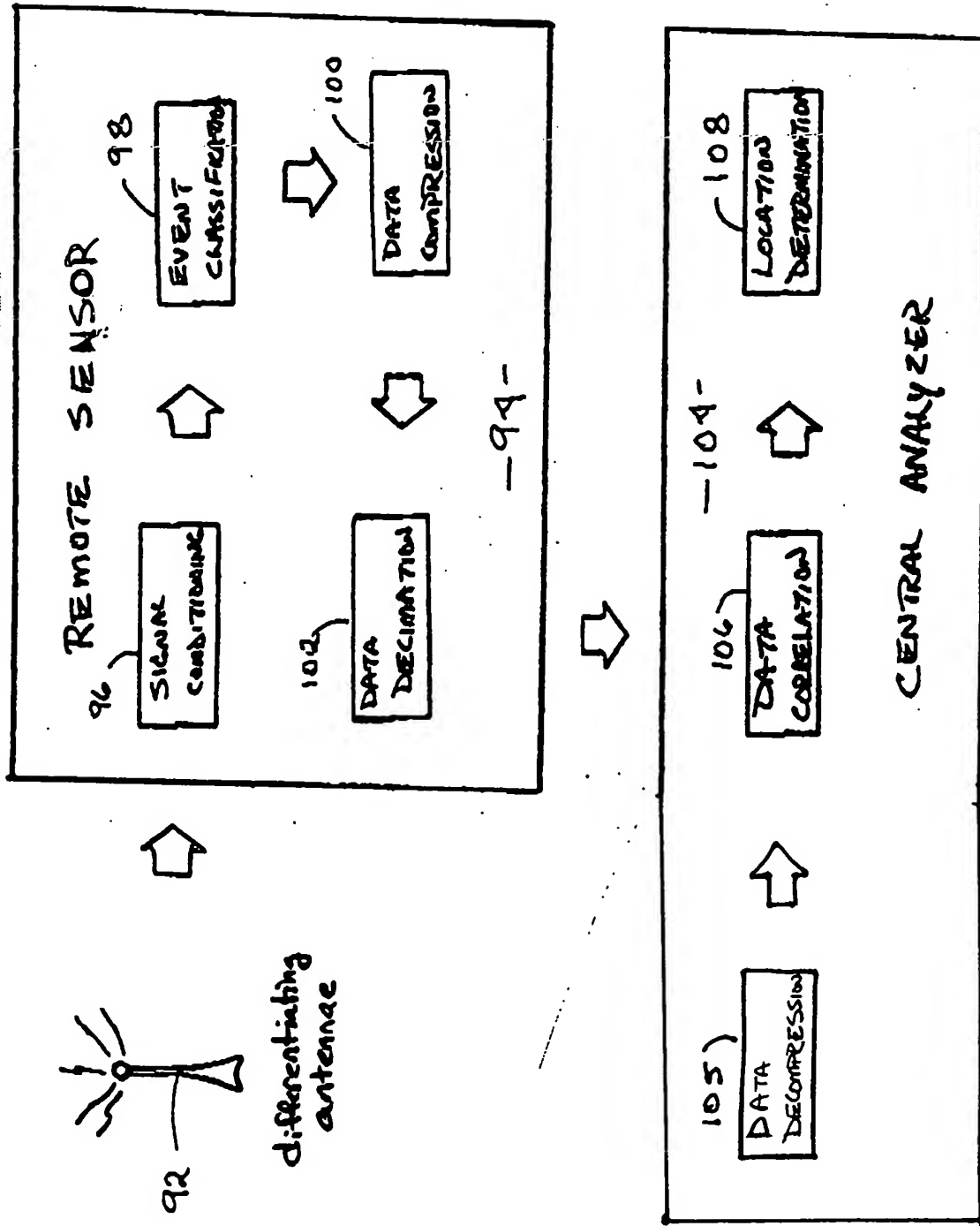


FIG. 5

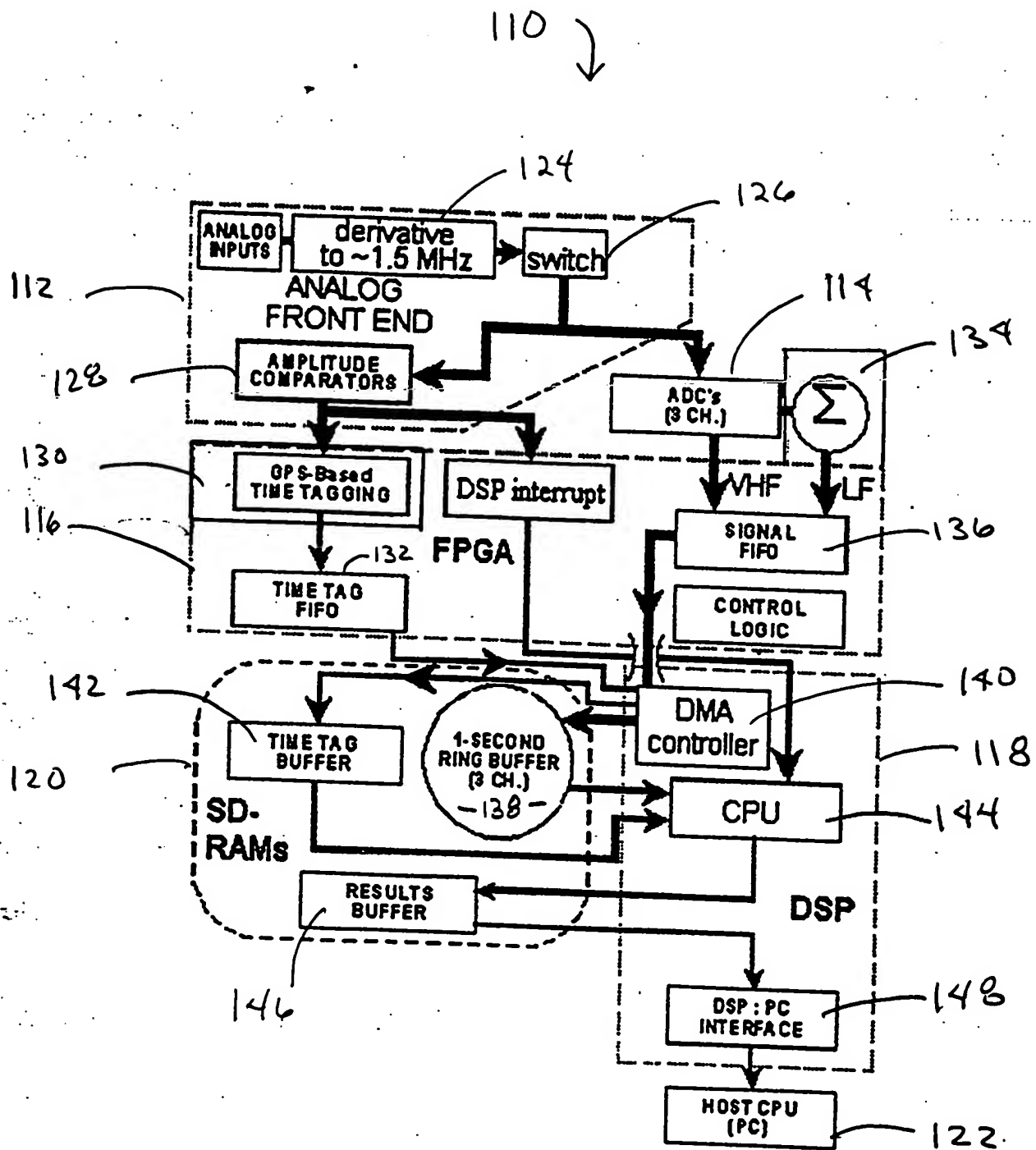


FIG. 6

Major components of filtering & amplification

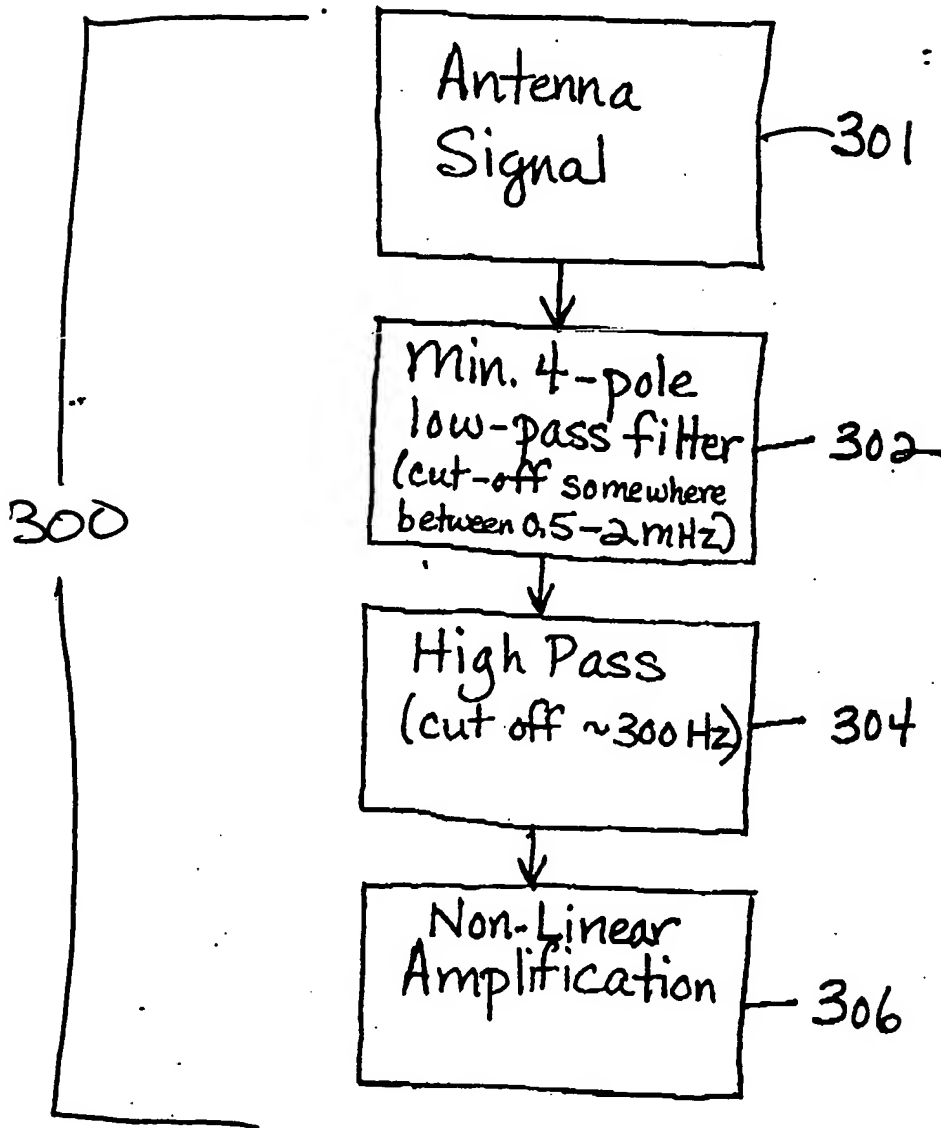


FIG. 7

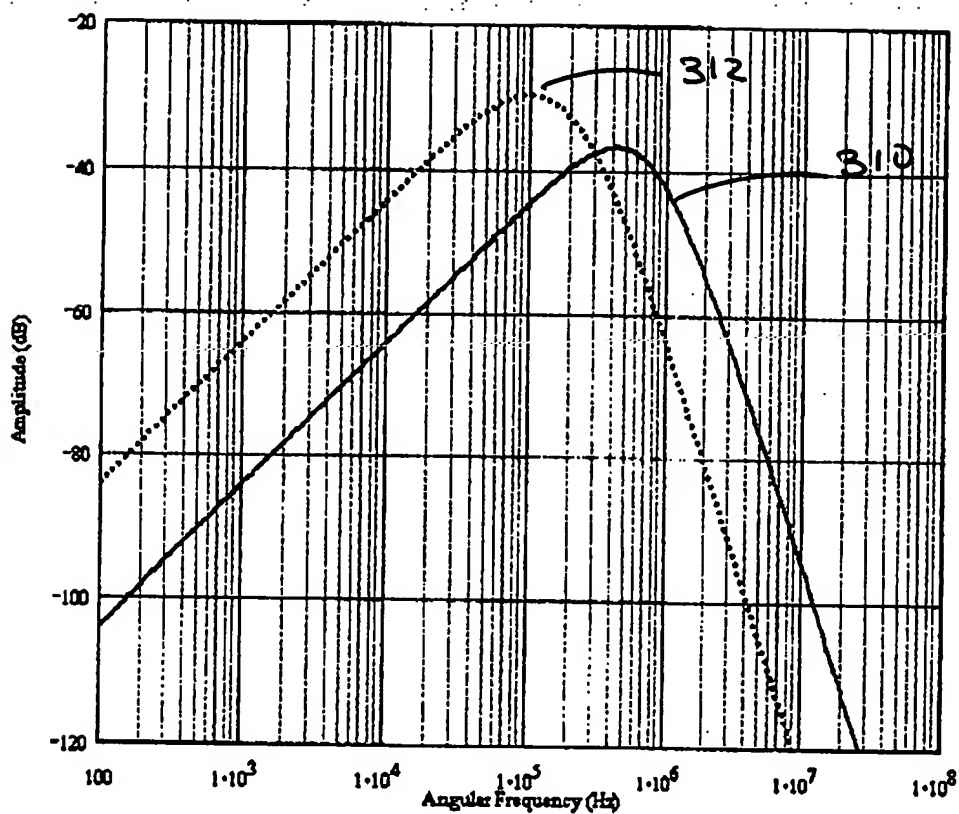


FIG. 8

2025 RELEASE UNDER E.O. 14176

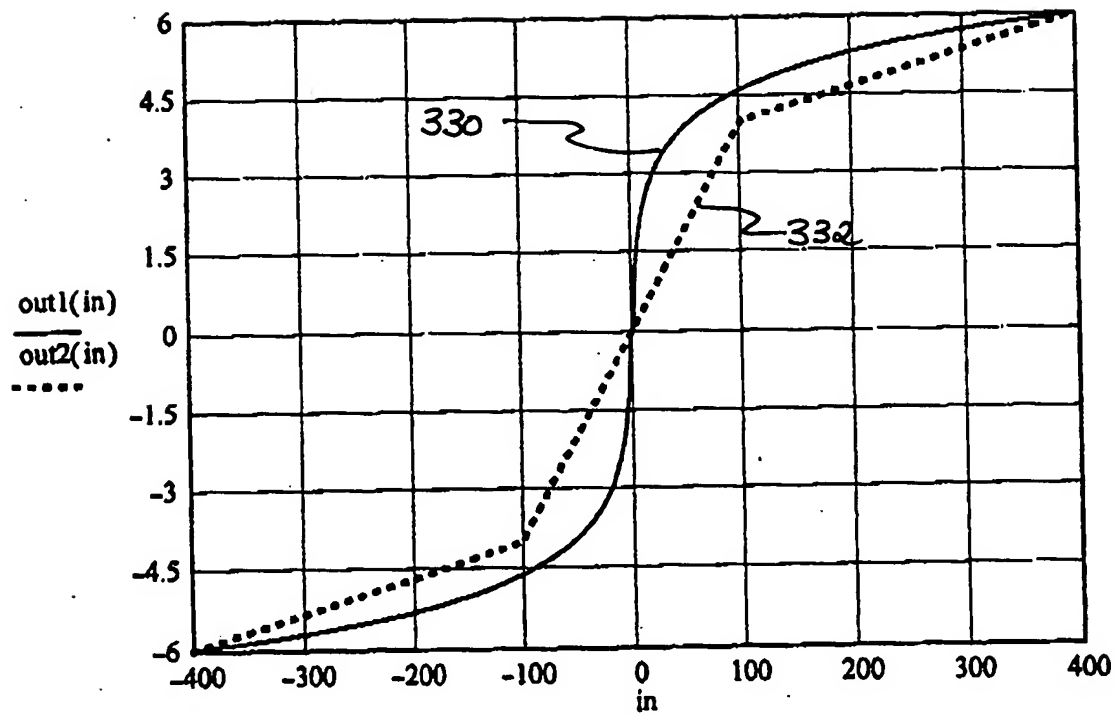


FIG. 9

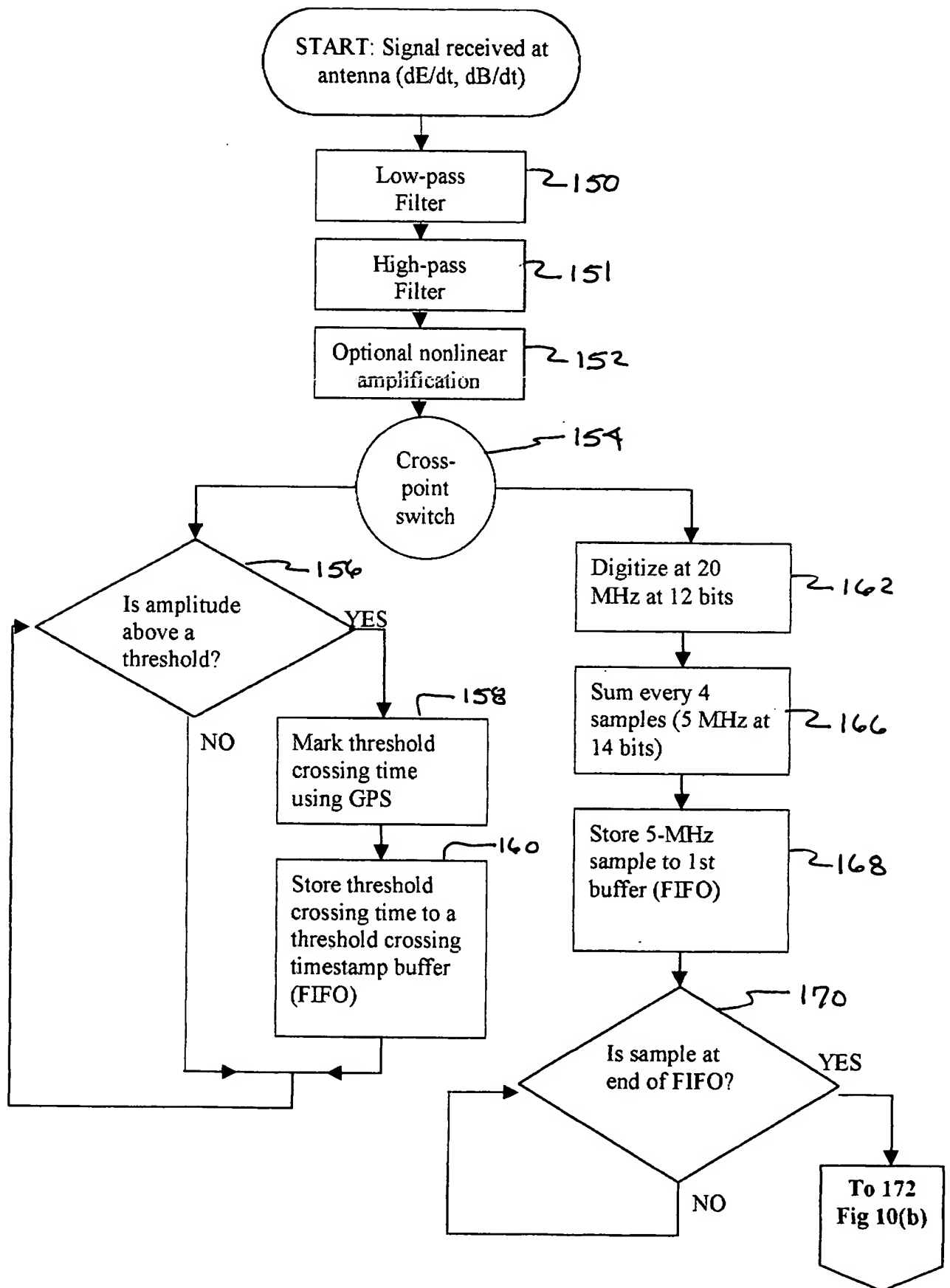


Fig. 10(a)

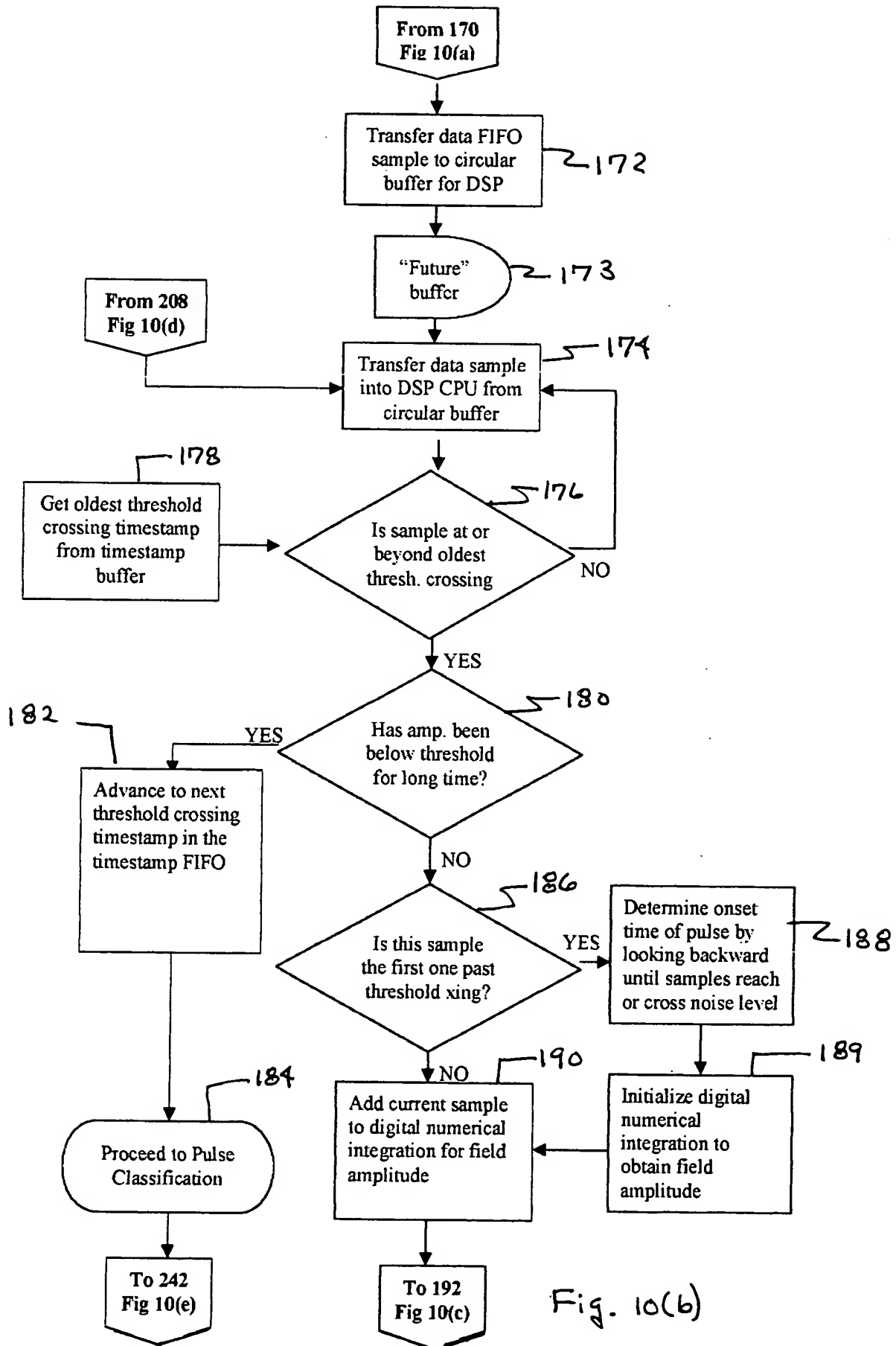


Fig. 10(b)

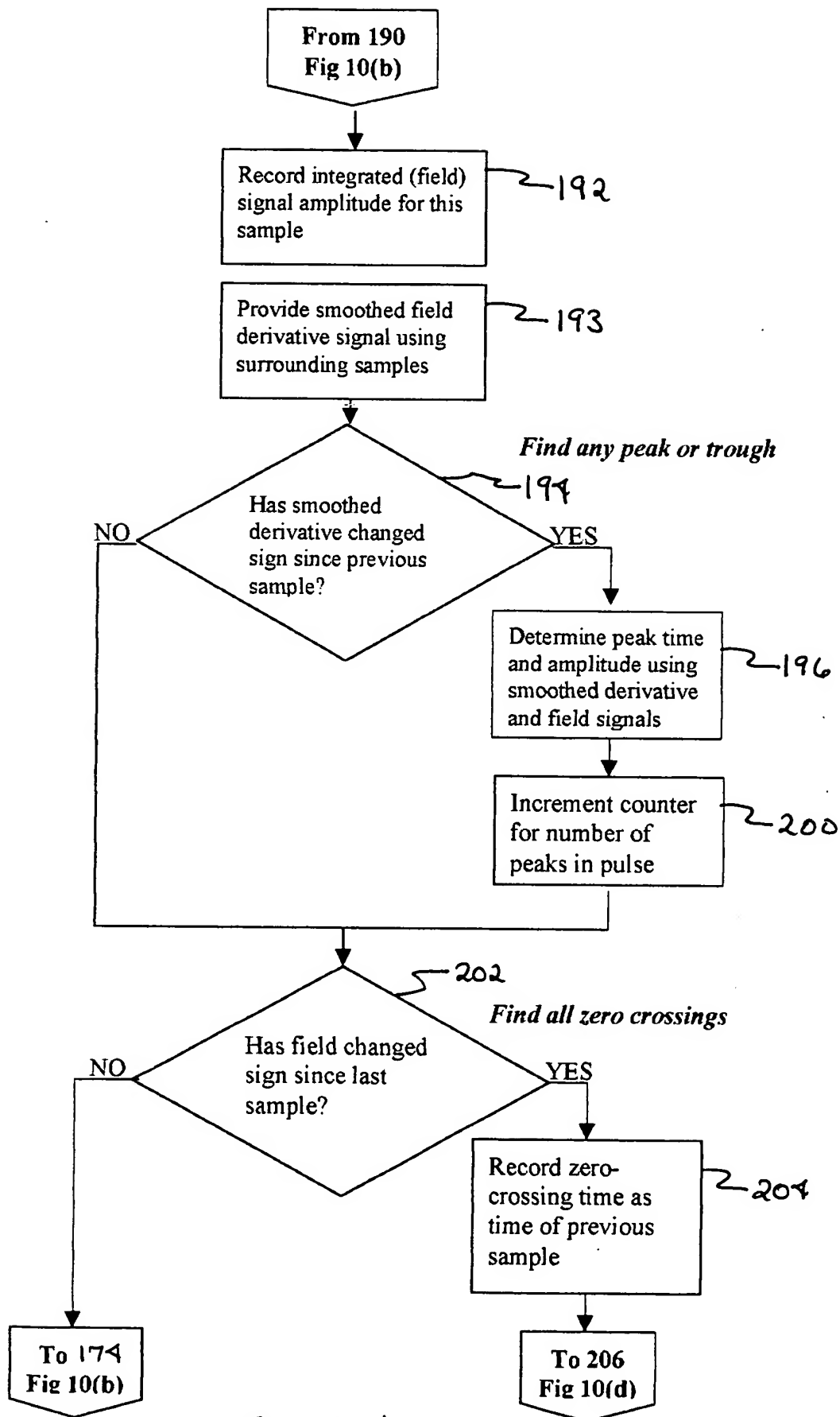


Fig. 10(c)

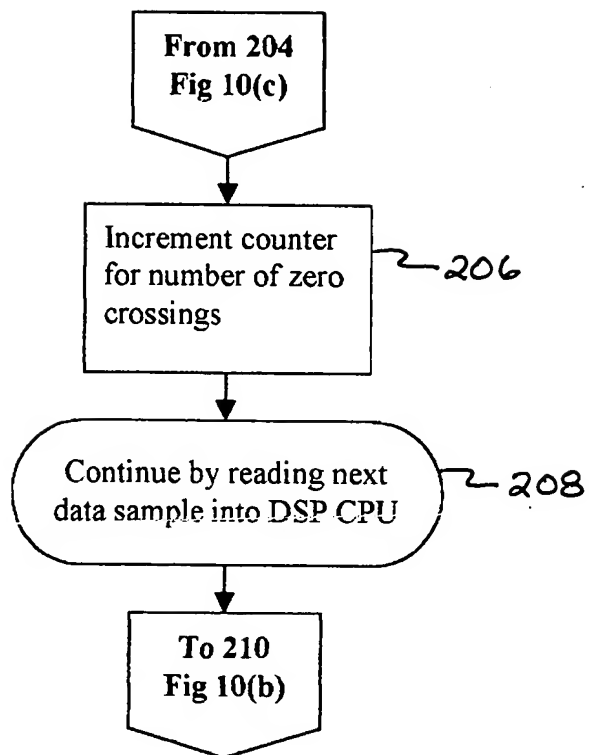


Fig. 10(d)

FIG. 10(e)

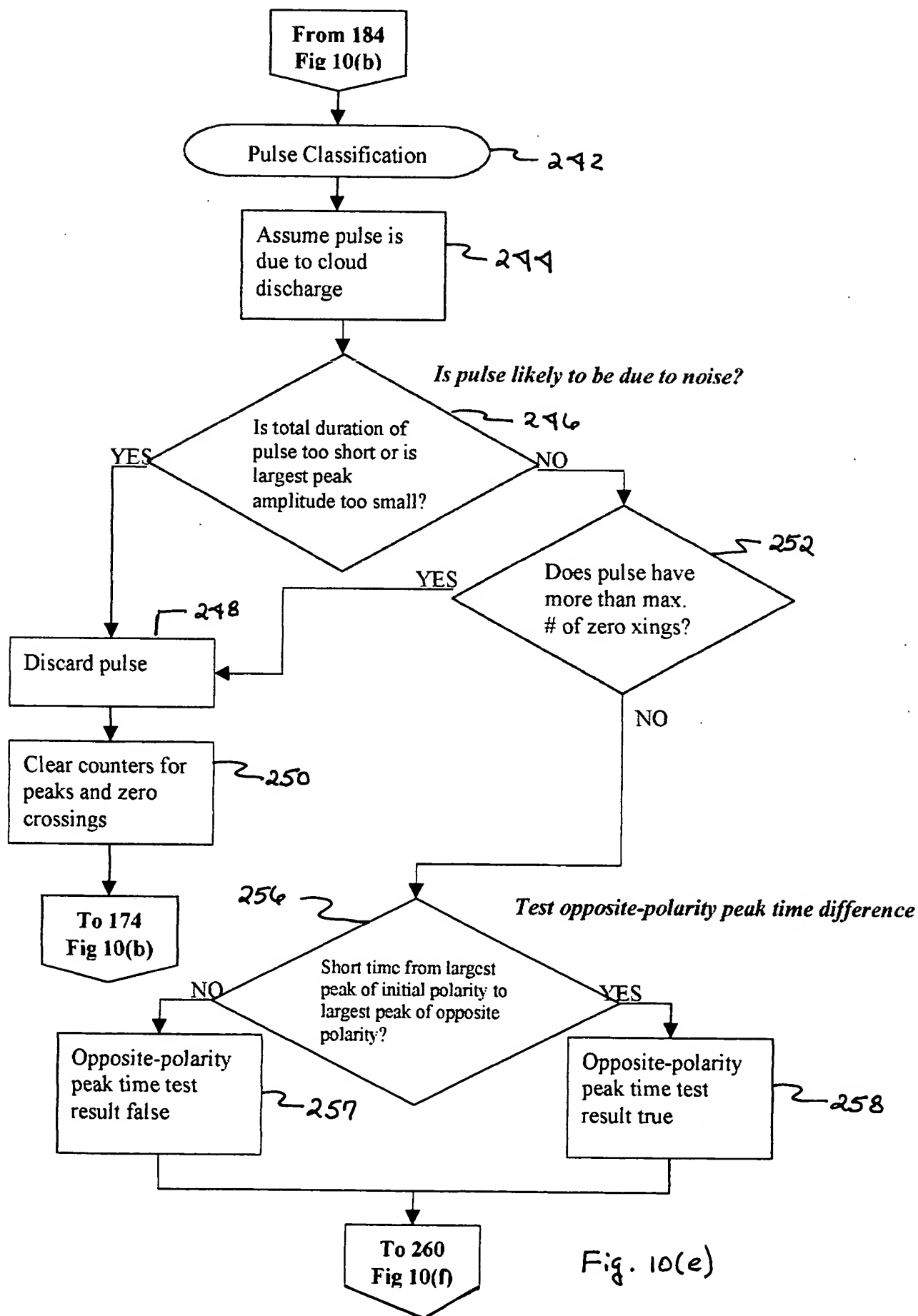


Fig. 10(e)

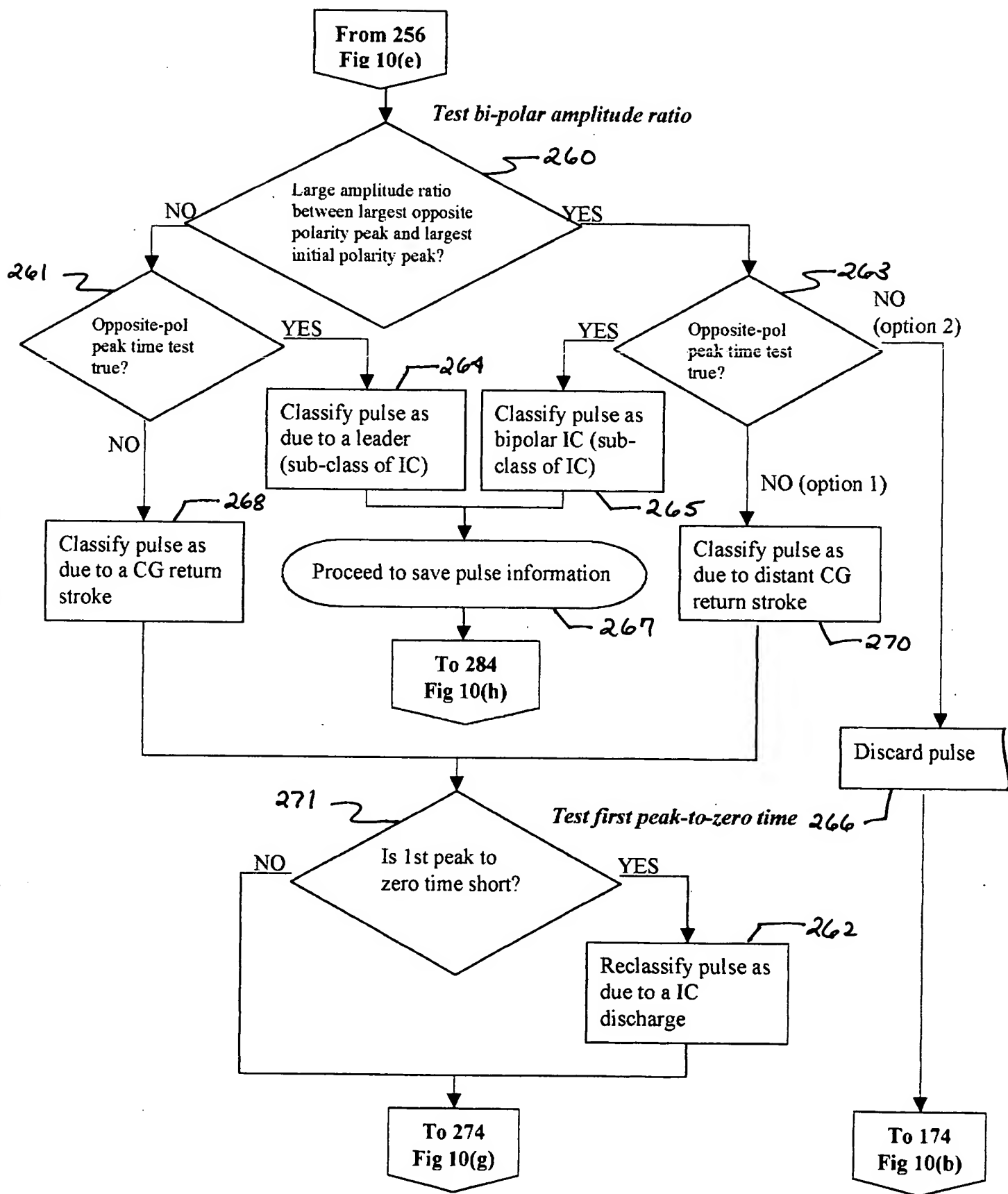


Fig. 10(f)

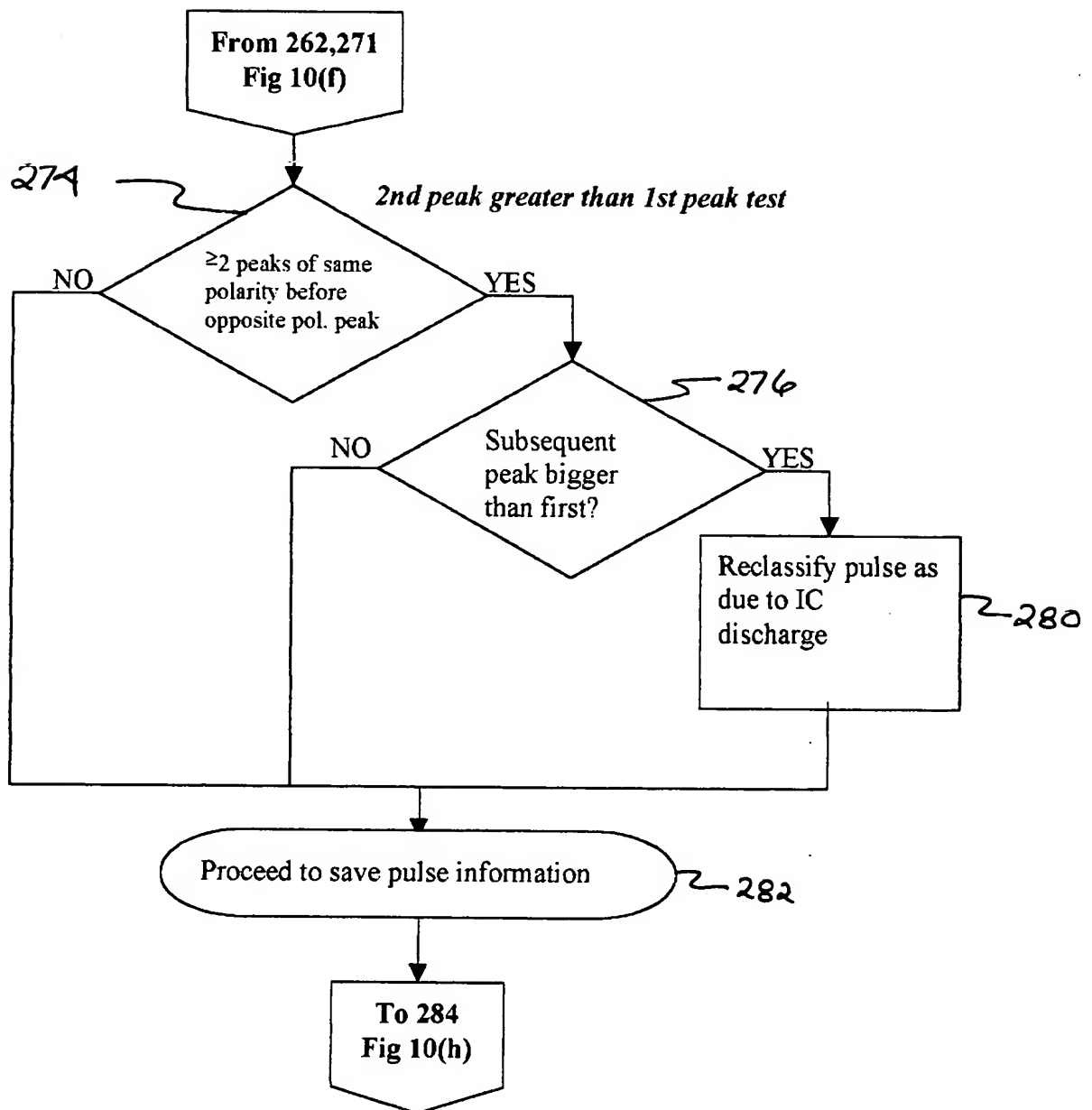


Fig. 10(g)

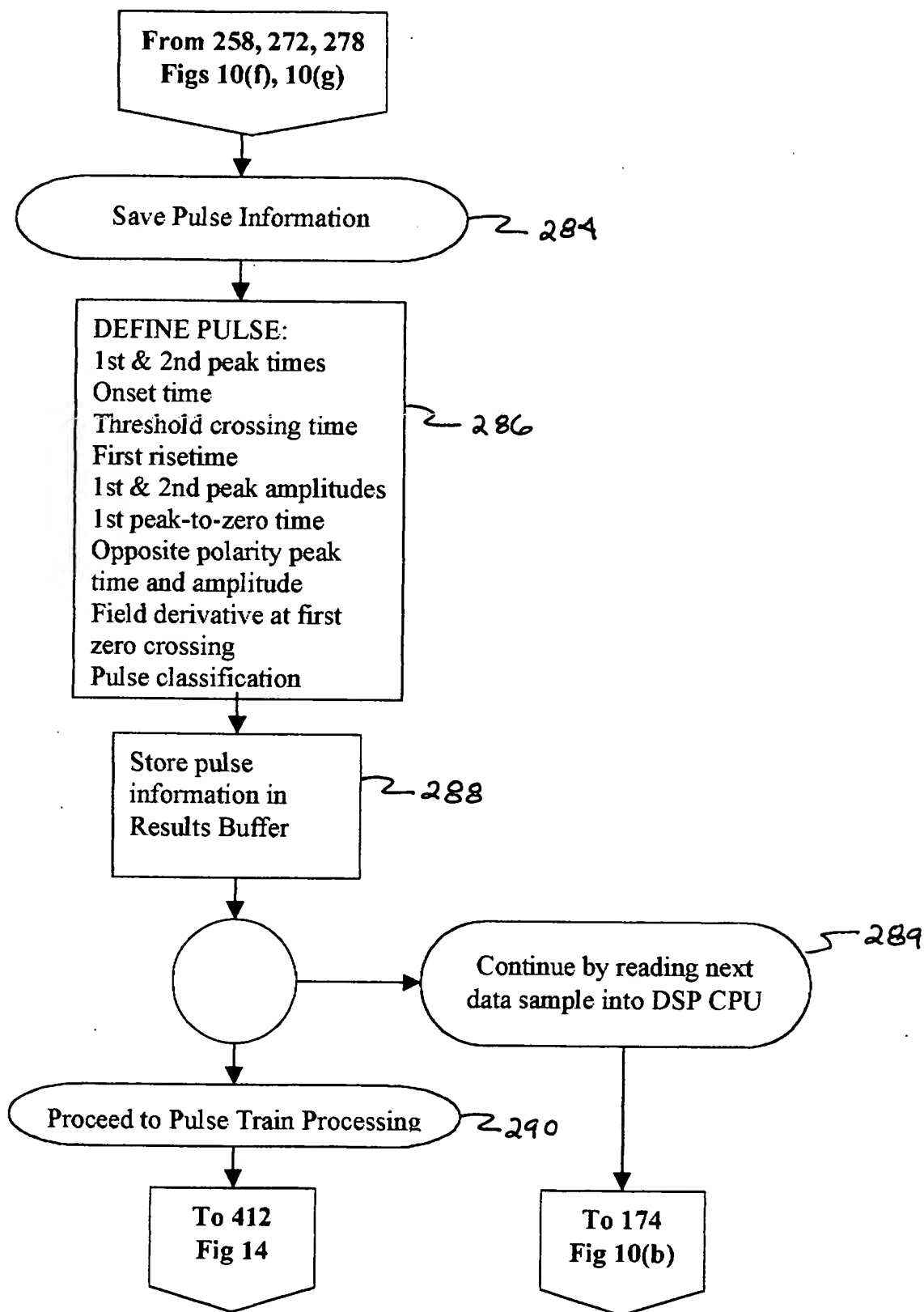


Fig. 10(h)

REF ID: A55231

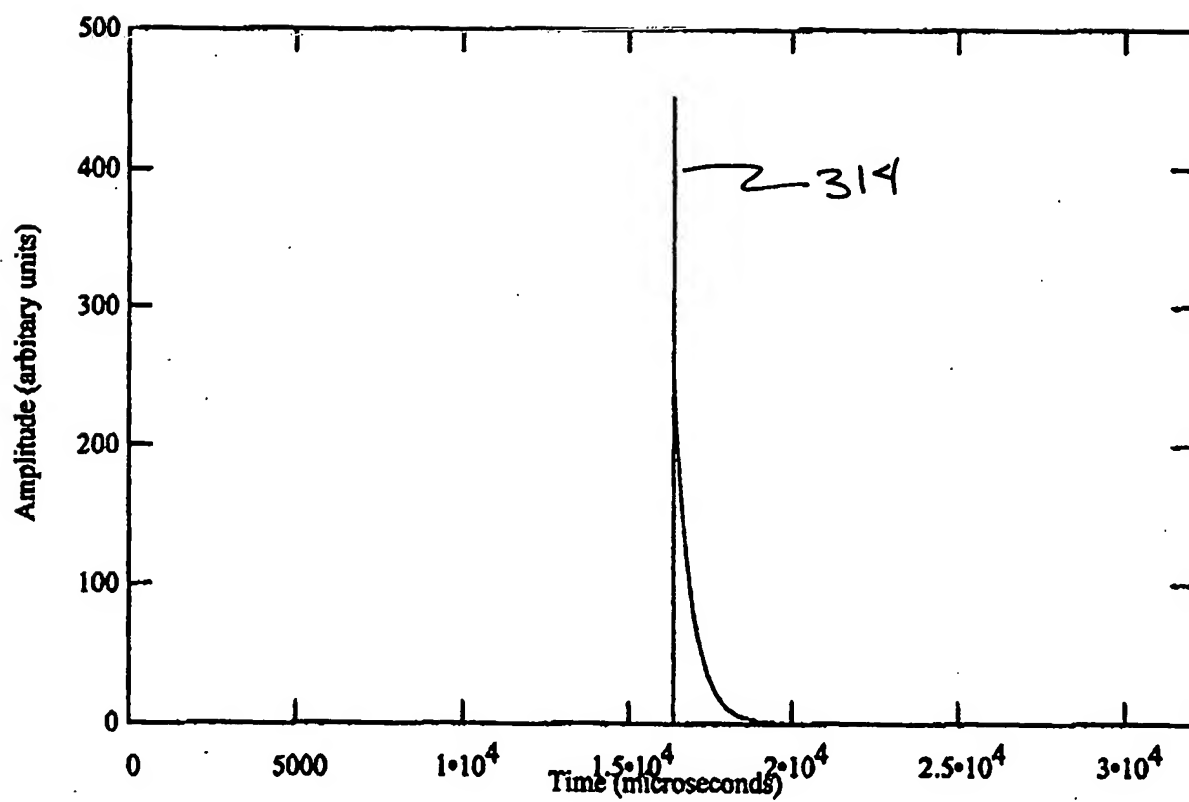


FIG. 11

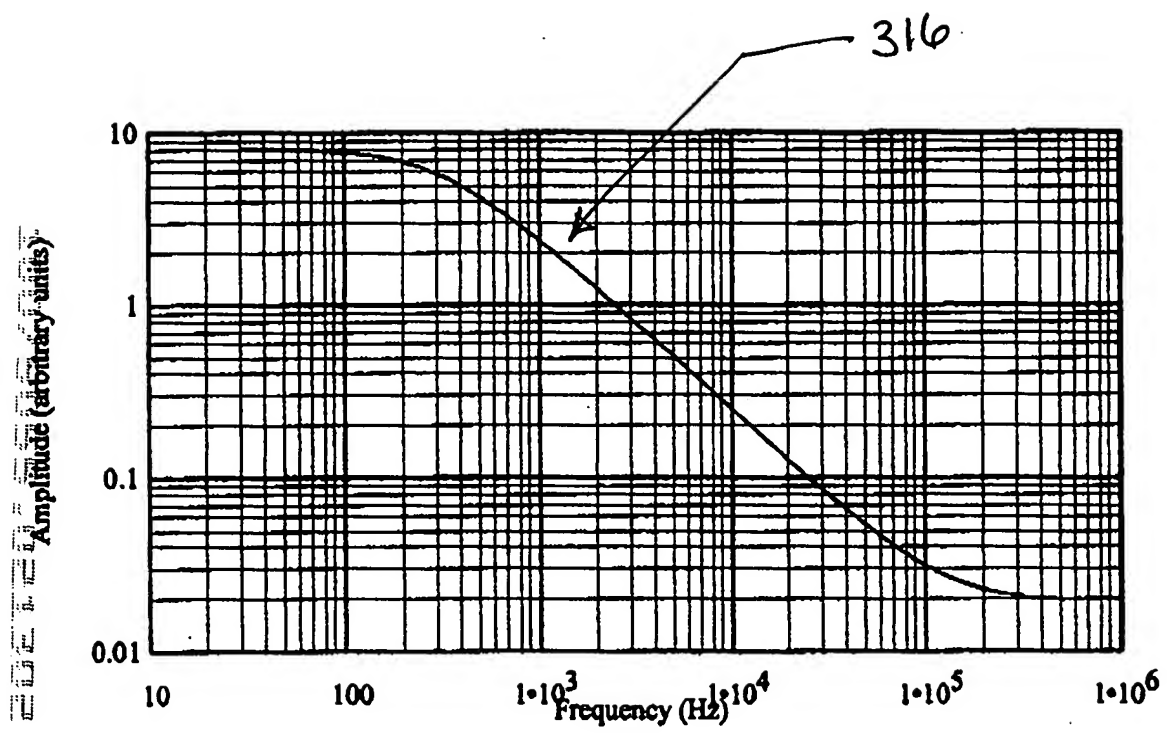


FIG. 12

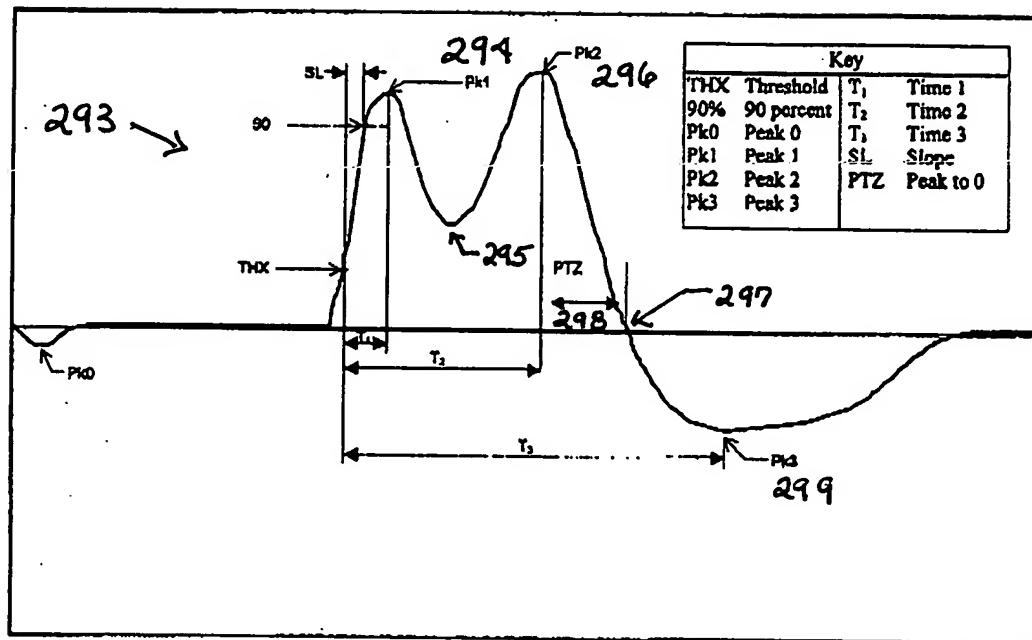


FIG. 13

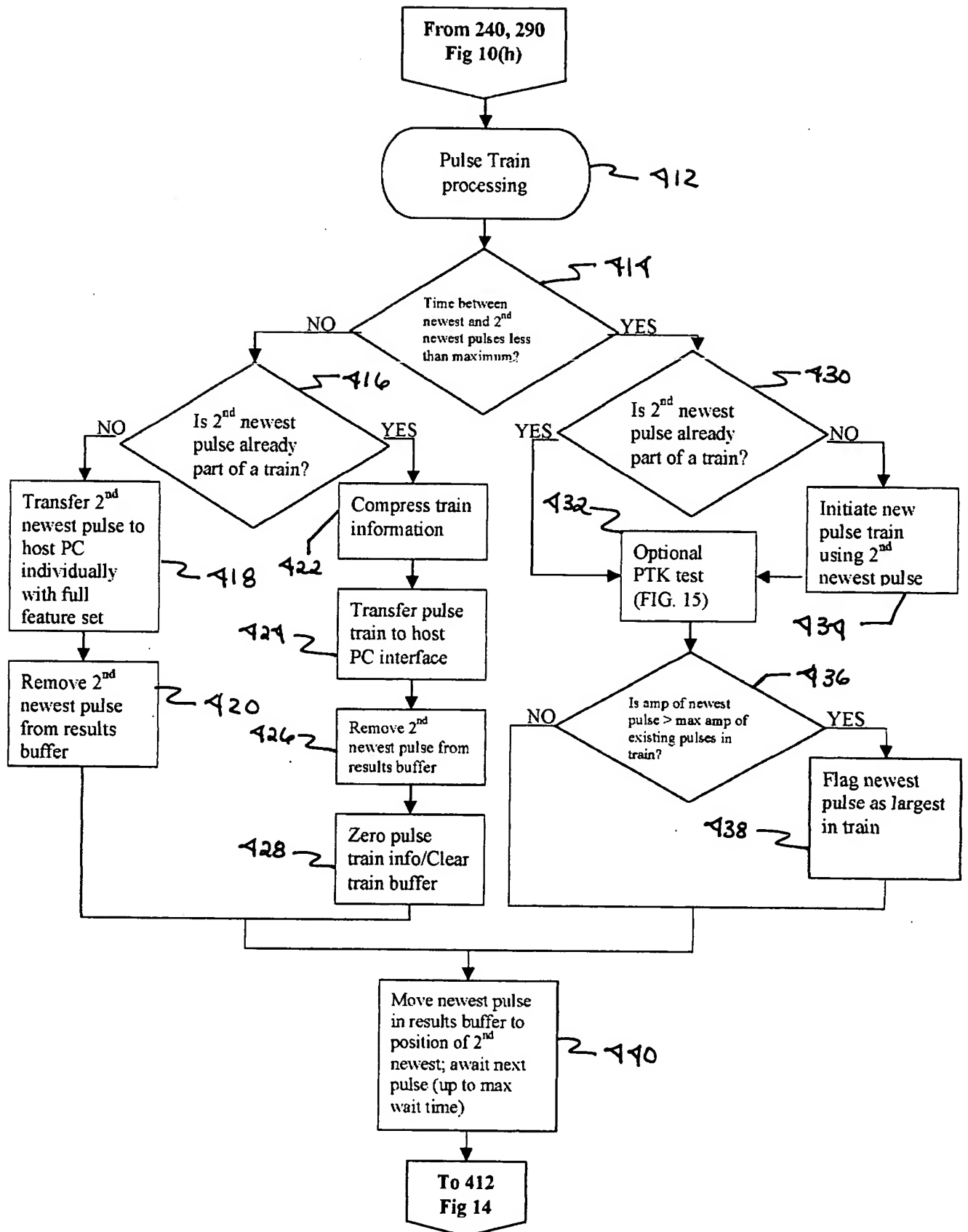


Fig. 14

2025 RELEASE UNDER E.O. 14176

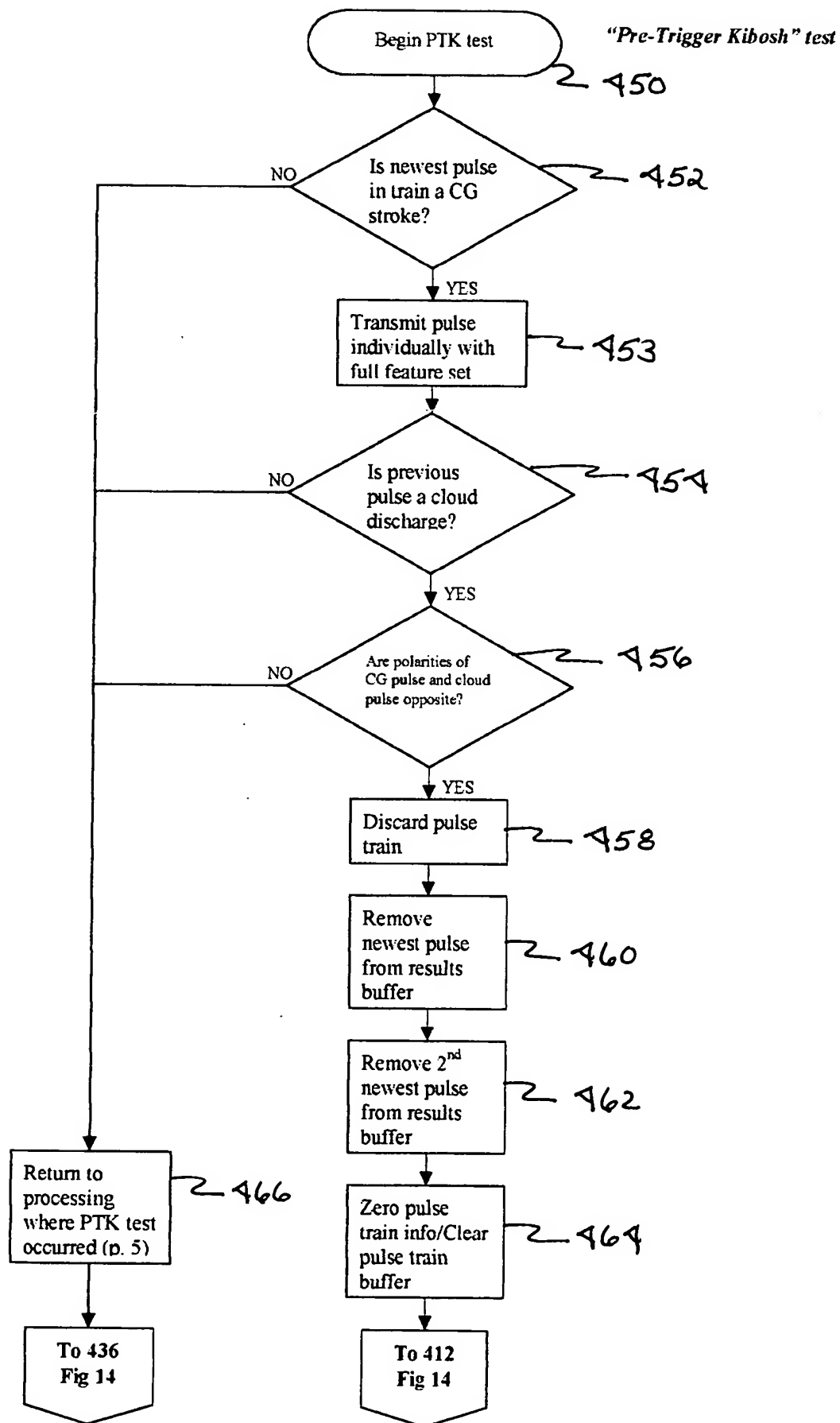


Fig. 15

| Pulse | Time (frac. of sec.) | Time (microsec) | Amplitude (count) |
|---------|----------------------|-----------------|-------------------|
| 471 → 1 | 0.000500 | 500 | 4400 |
| 473 → 2 | 0.000630 | 630 | 5100 |
| → 3 | 0.000800 | 800 | 2900 |
| → 4 | 0.000840 | 840 | 5000 |
| → 5 | 0.000990 | 990 | 2900 |
| → 6 | 0.001060 | 1060 | 2500 |

FIG. 16

Complete representations — Decimal / Hexadecimal

| | | | |
|---------|---------------------|-----------|----------|
| Pulse 1 | Time (to second): | 997056000 | 3B6DDE00 |
| | Fraction of second: | 10000 | 2710 |
| 471 → | Amplitude: | 4400 | 1130 |
| | Angle: | 359.99° | 7FFF |
| | Classification: | Cloud | 1 |

FIG. 17

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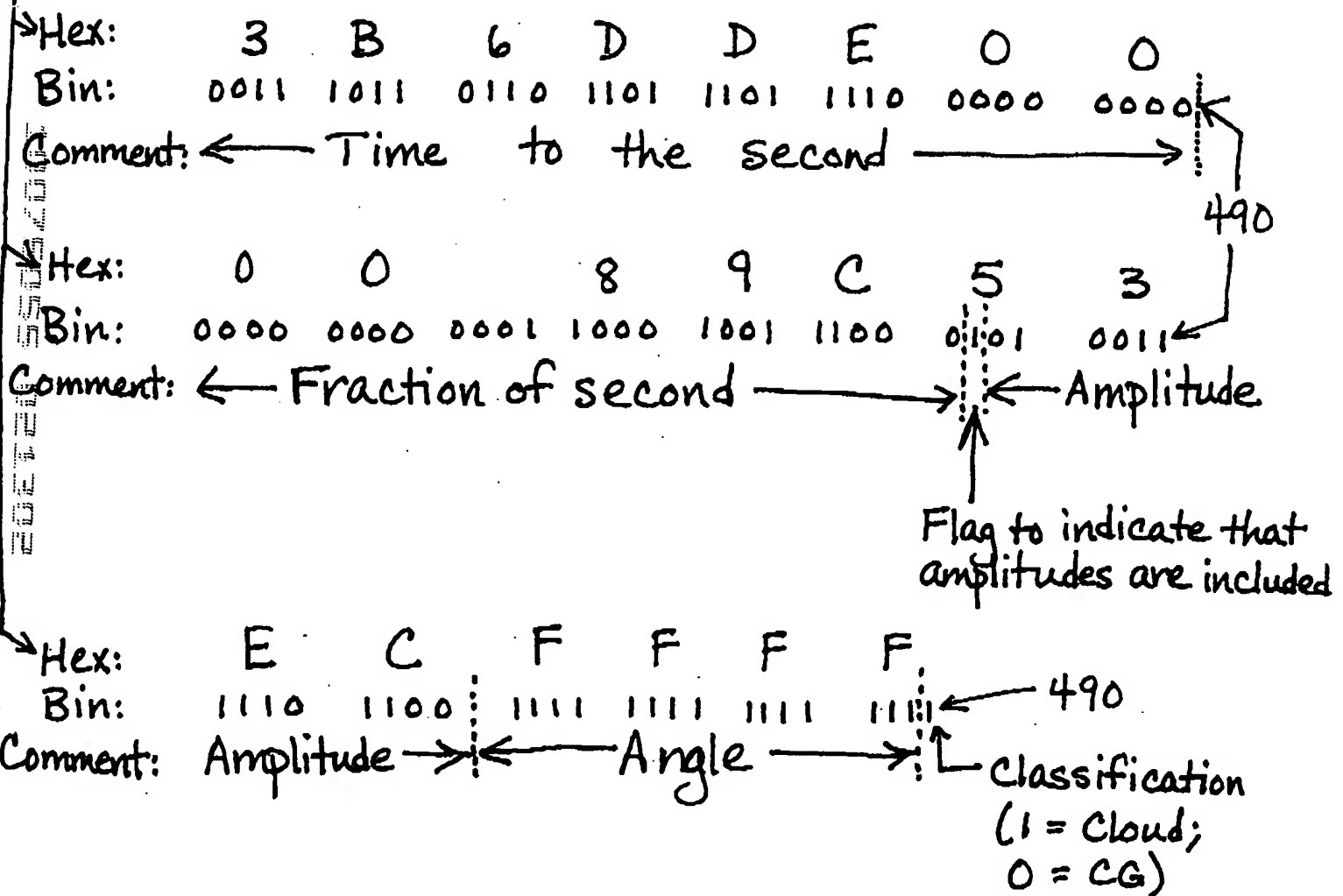


FIG. 18

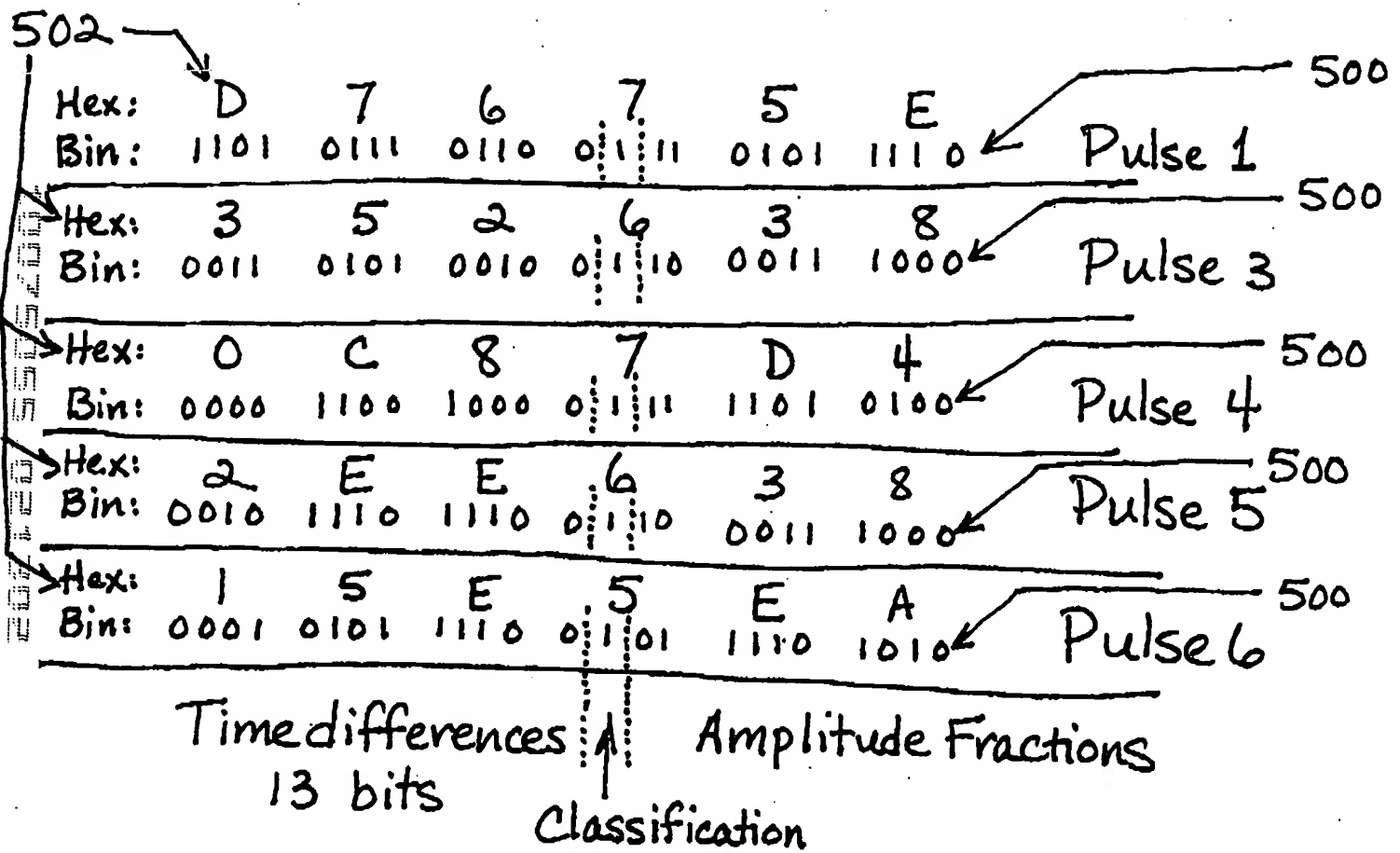


FIG. 19

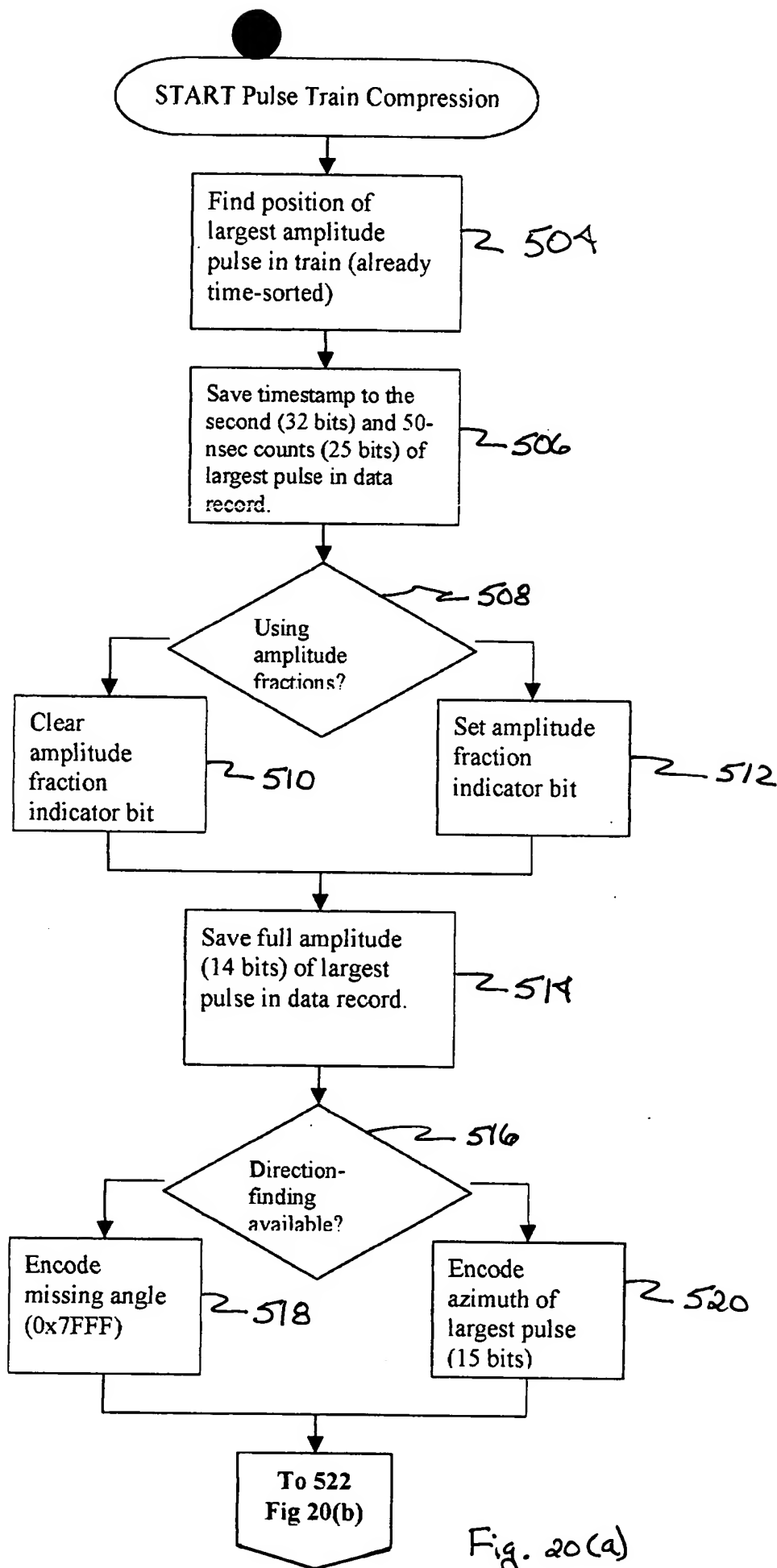


Fig. 20(a)

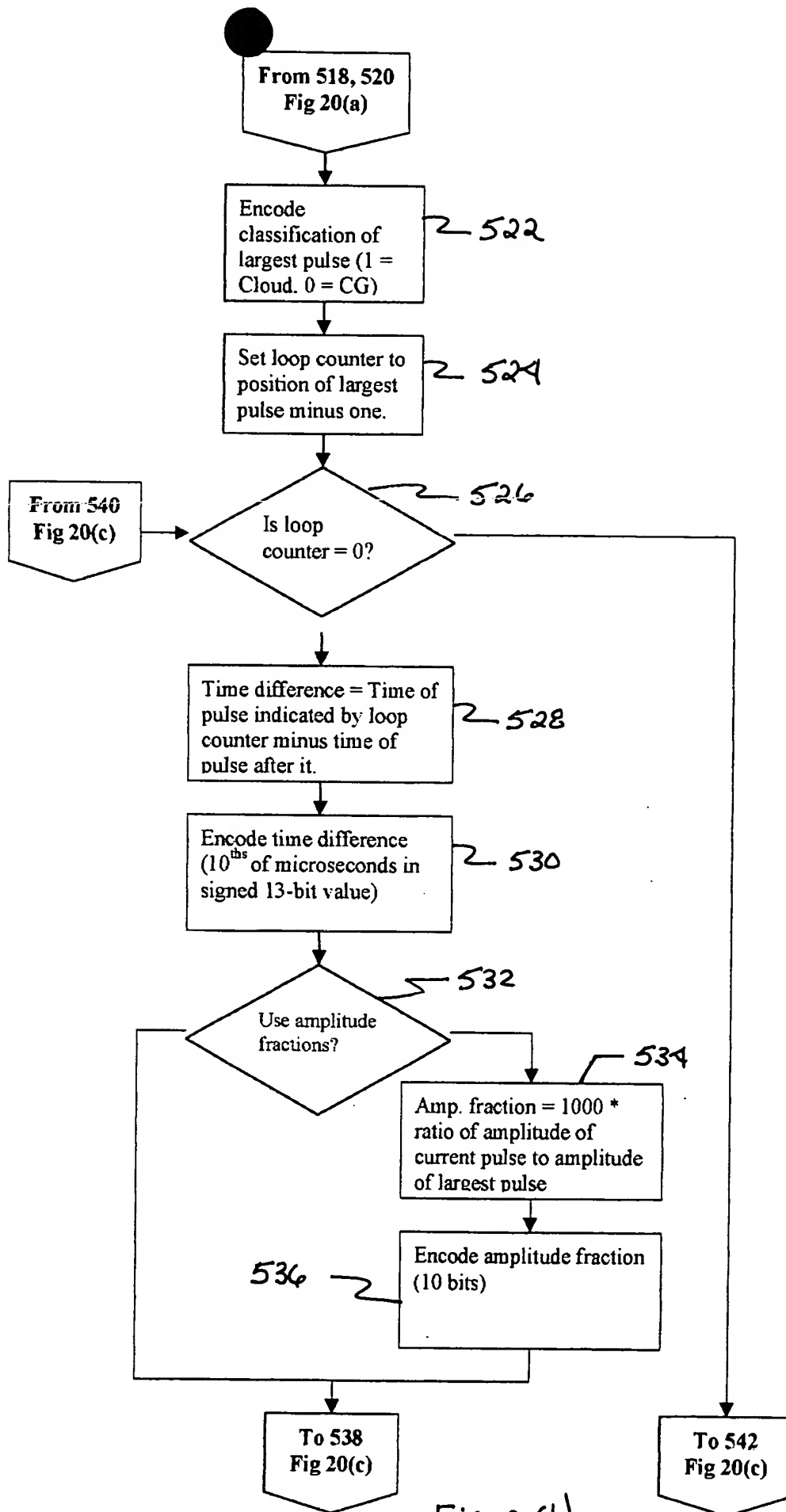


Fig. 20(b)

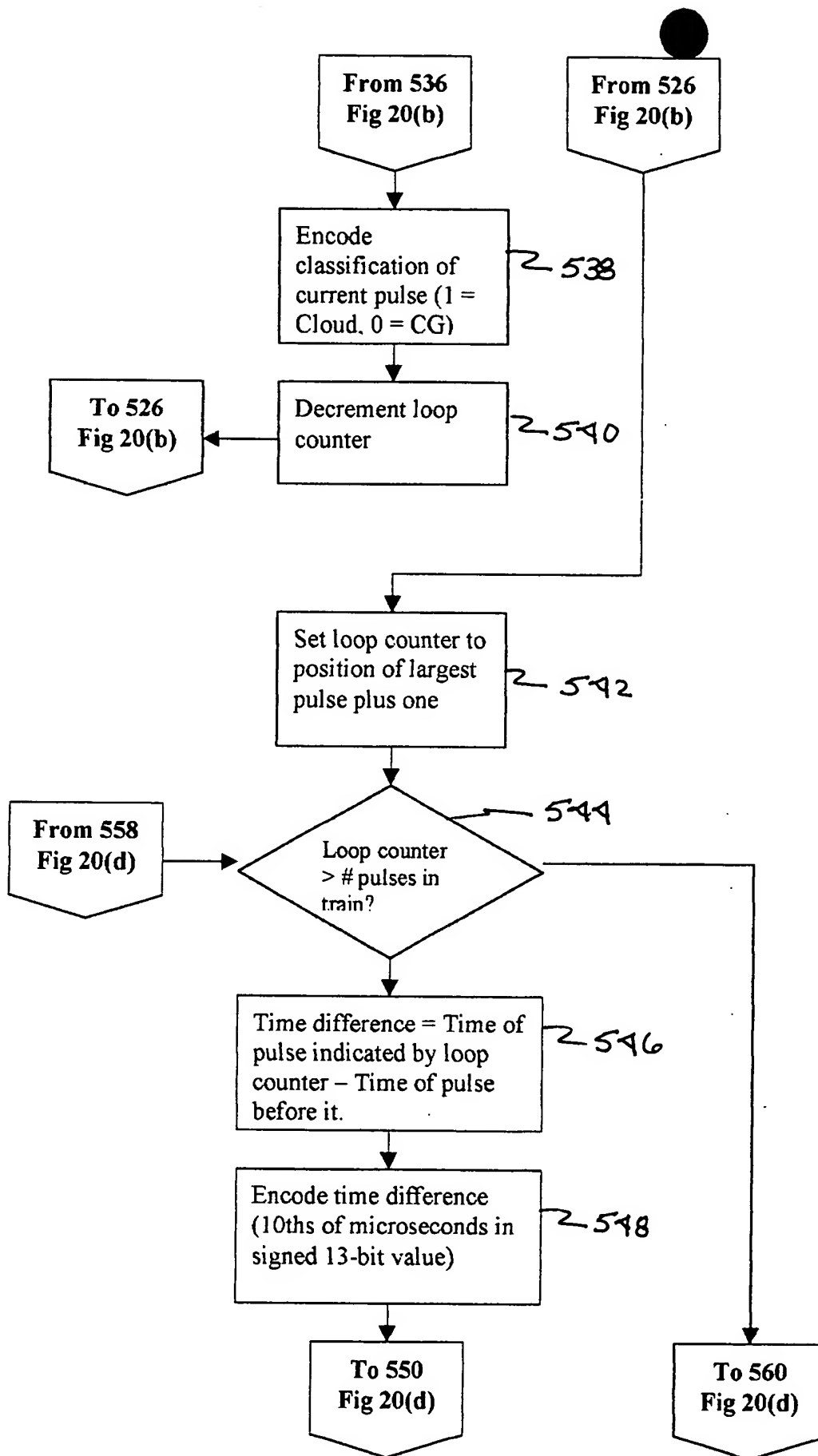


Fig. 20(c)

FIG. 20D-550200

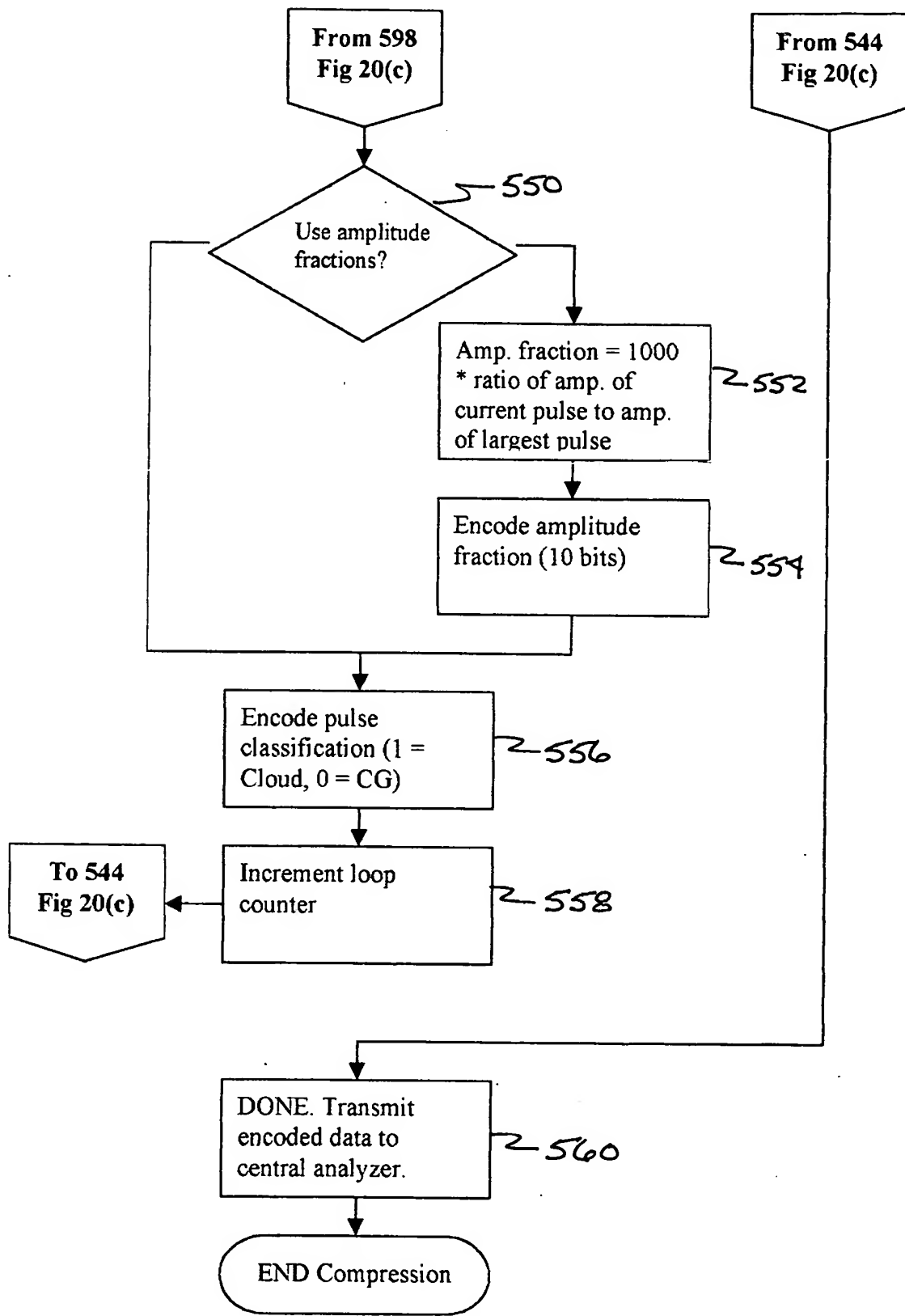


Fig. 20(d)

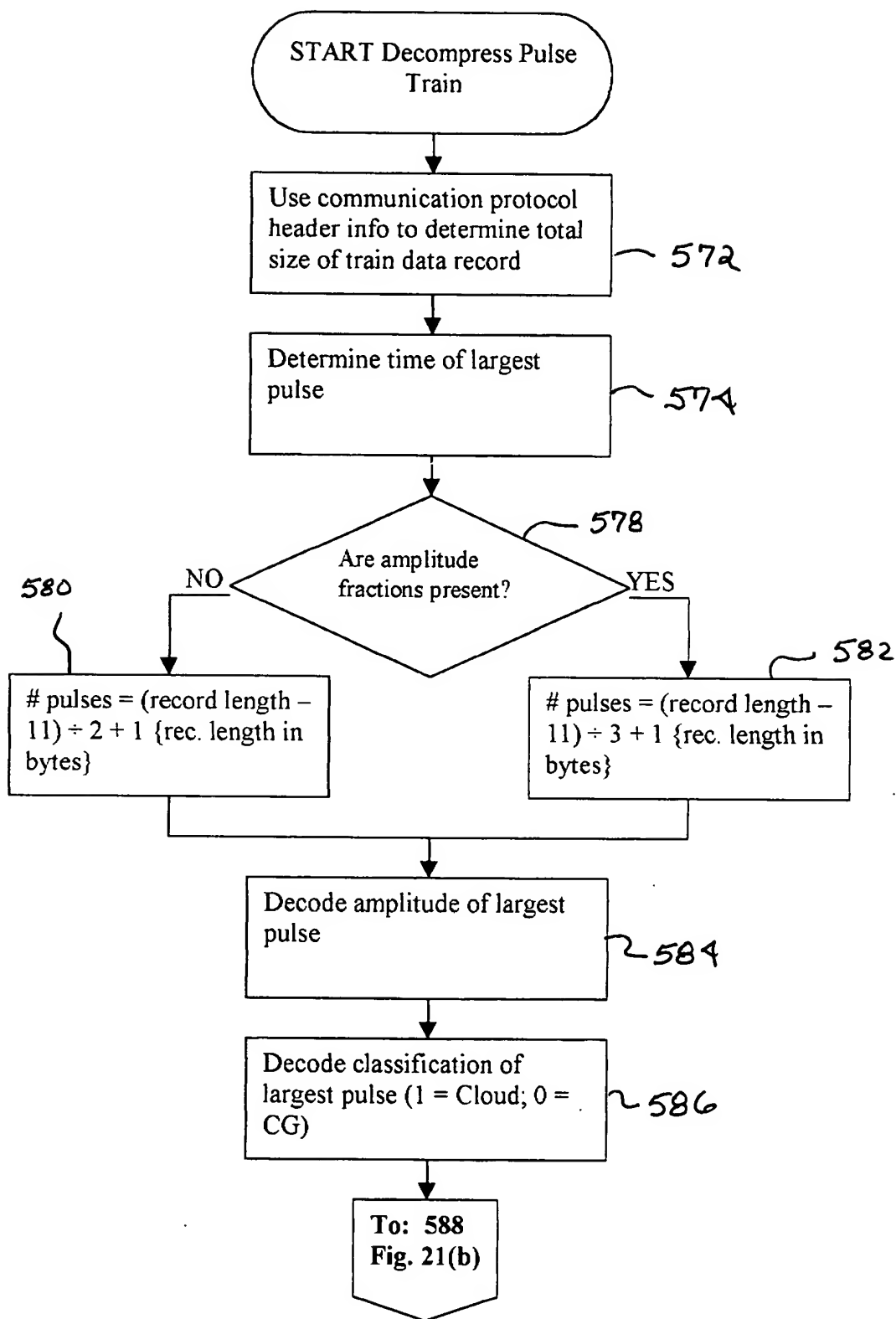


Fig. 21(a)

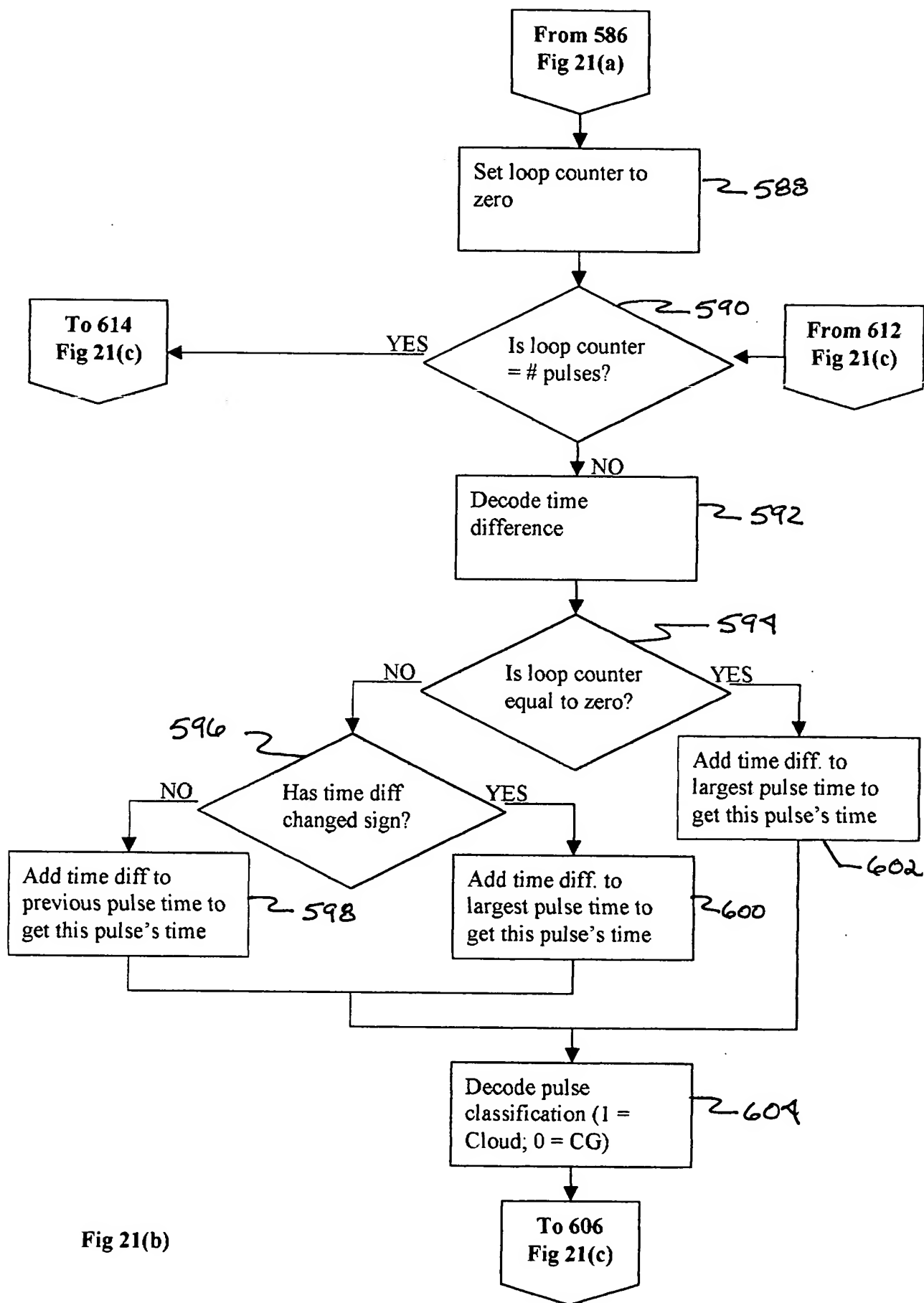


Fig 21(b)

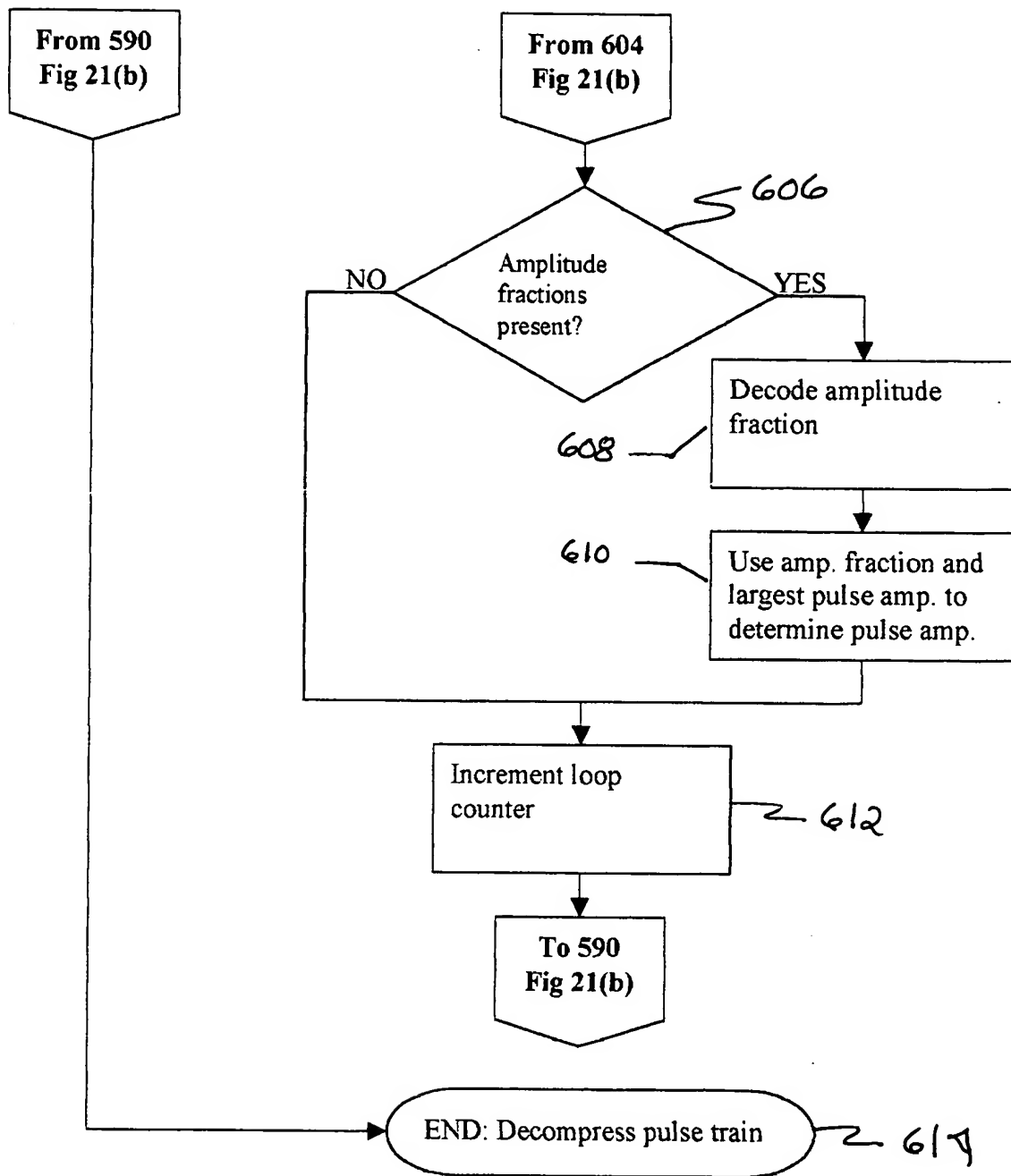


Fig 21(c)

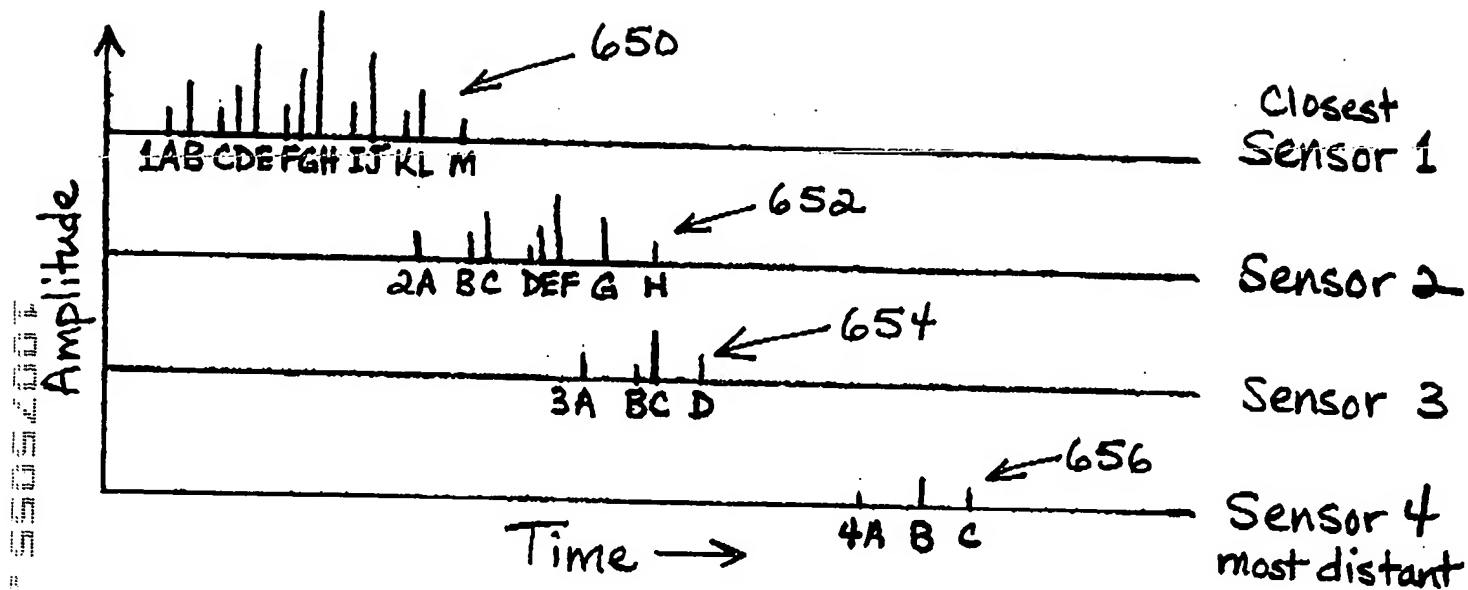


FIG. 22

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DECREASING MAGNITUDE

| SENSOR1 | SENSOR2 | SENSOR3 | SENSOR4 |
|---------|---------|---------|---------|
| 1H | 2F | 3C | 4B |
| 1J | 2G | 3D | 4C |
| 1E | 2C | 3A | 4A |
| 1G | 2E | 3B | |
| 1B | 2A | | |
| 1L | 2H | | |
| 1D | 2B | | |
| 1F | 2D | | |
| 1A | | | |
| 1C | | | |
| 1I | | | |
| 1K | | | |
| 1M | | | |

FIGURE 23

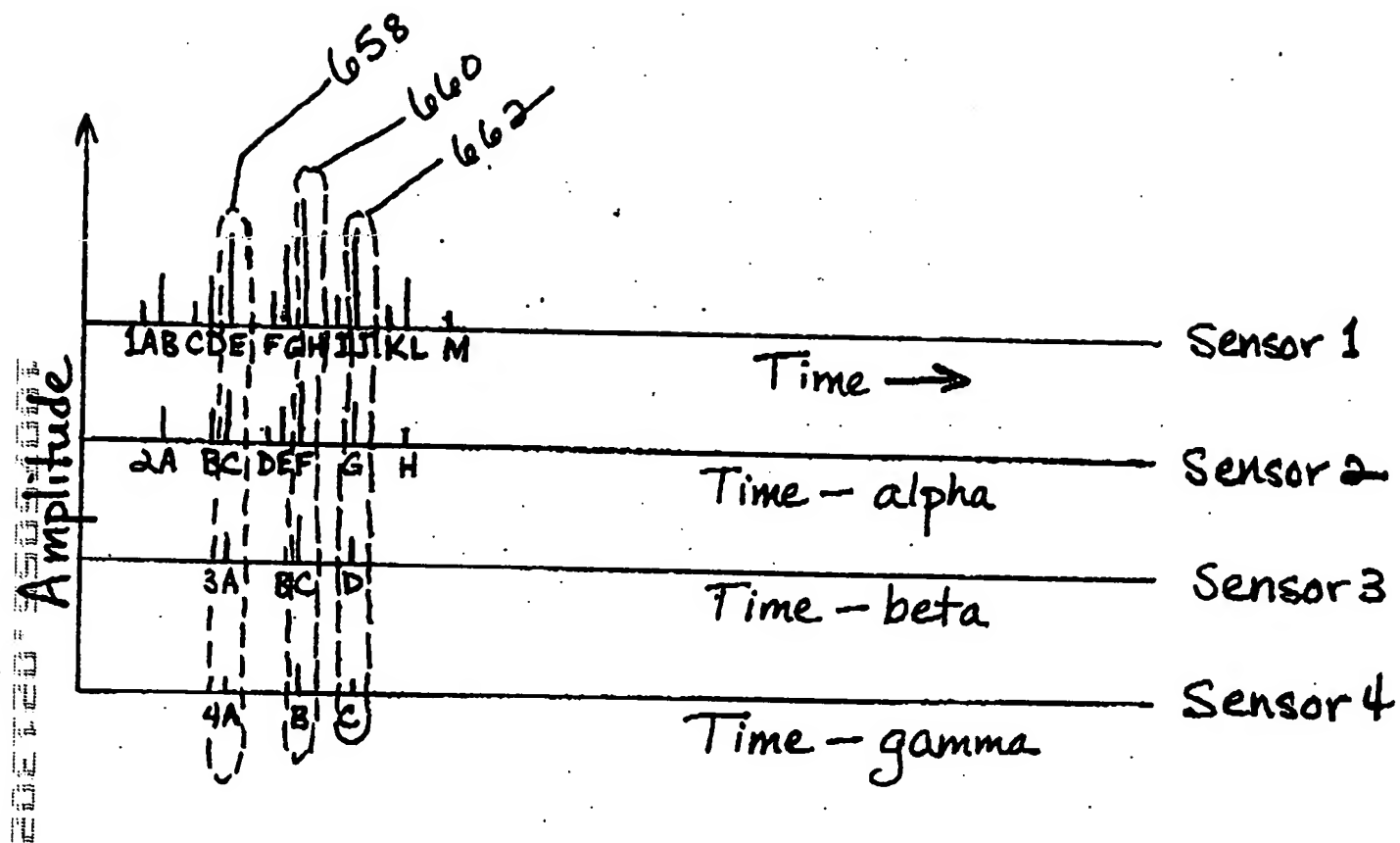


FIG. 24